



School of Nursing and Health Professions Syllabus



Term:	Credit:3 CR	Office Hours:
Course Code: HLT 112 ONLINE		Office Location:
Title of Course: Pathophysiology		Email:
Days & Times:		Phone:
Location:		Prerequisites/ Corequisites: MDA-106, BIO-111, or MDA & HIT; BIO 107
Instructor:		

COURSE DESCRIPTION:

This course is adapted to the needs of the allied health students whose specialization will be as a part of a health care team. It is intended to provide the student with a better understanding and appreciation of the human body in both health and disease.

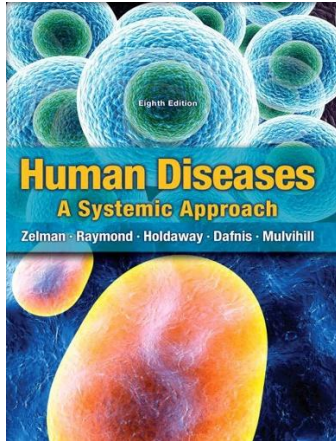
COURSE OBJECTIVES:

Upon successful completion of this course, students will be able to:

1. Discuss general characteristics of wellness and disease
2. Define and/or describe: a. Classification of inflammation; b. Inflammatory process; c. Etiology; d. Results.
3. Define and/or describe types of immunity and types of antigen-antibody reactions.
4. Distinguish between benign and malignant neoplasm in terms of: a. Etiology; b. Behavior; c. Results; d. Representative Diseases.
5. Explain the roles of hormones, vitamins, hereditary factors in metabolic derangements.
6. Discuss effects of eating disorders and alcohol on the body.
7. Identify glands and hormones with their association to the Nervous System
8. Describe the influence of chromosomes, genes, and inheritance upon disease.
9. Describe the susceptibility of the body to infection, heart disease, blood diseases, respiratory, and Urinary diseases.

TEXTBOOK REQUIRED:

Mulvihill, Mary Lou. Human Diseases: A Systemic Approach. 8th Edition, Norwalk, Connecticut: Appleton and Lange Company.



EVALUATION METHODS:

- **Written Reports (Homework)** **20%**
- **Class Participation** **10%**
- **Tests (Quizzes)** **20%**
- **Mid Term Examination** **25%**
- **Final Examination** **25%**

WEEKLY OUTLINE:

Week	Topic	Learning Outcomes (L.O)
1	Characteristics of Wellness and Disease; Factors Contributing to Disease Special Problems in Geriatrics and Pediatrics	SLO 1
2	Infection; Inflammation; Immune Response	SLO 2
3	Neoplasia; Malignant Disorders	SLO 3 & 4
4	Hereditary Diseases	SLO 5
5	Diseases of Dietary Excess and Imbalance	SLO 6
6	Cardiovascular System	SLO 9
7	Diseases of Blood	SLO 9
8	Respiratory System	SLO 9
9	Excretory System	SLO 9
10	Hepatic and Biliary Disorders	SLO 9
11	Hepatic and Biliary Disorders	SLO 9
12	Reproductive System	SLO 8
13	Diseases of the Nervous System	SLO 7

14	Diseases of Bones, Joints, Muscles and Skin	SLO 9
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HCCC POLICIES, STATEMENTS, AND SERVICES:

<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>